Converting Colors

RYB(181, 161, 162)

Have a look what the booklet for RYB(181, 161, 162) contains.

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Color

RYB(181, 161, 162)

Conversions

Format	Color
Hex	B5A1A2
RGB	181, 161, 162
RGB Percent	71%, 63%, 64%
CMY	0.2902, 0.3686, 0.3647
CMYK	0.00, 0.11, 0.10, 0.29
HSL	357°, 12%, 67%
HSV	357°, 11%, 71%
XYZ	38.3225, 37.9221, 39.4823
YIQ	167.0940, 11.5990, 4.5510

Conversions Part 1

Conversions

Conversions Part 2

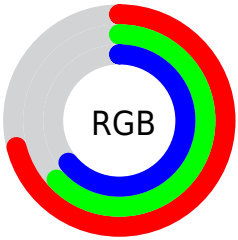
Format	Color
RYB	181, 161, 162
Decimal	11903394
CIELab	67.96, 7.47, 2.15
CIELCh	68, 7.773, 16.019
Yxy	37.9221, 0.3311, 0.3277
Android (android.graphics.Color)	4290093474 (0xFFB5A1A2)
YUV	167.0940, -2.5113, 12.1956
Hunter-Lab	61.5809, 3.3159, 5.0932

Details

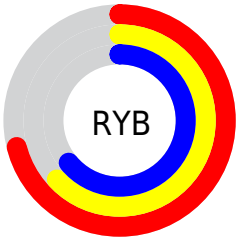
The RYB color 181, 161, 162 is a light color, and the websafe version is hex 999999. A complement of this color would be 161, 171, 181, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 237, 216, 217, and 128, 109, 110 is the 20% darker color. If you saturate the color by 10%, you get 181, 143, 145, and if you desaturate by 10%, it is 181, 179, 179.

Distribution

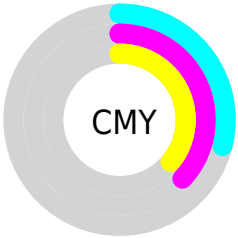


- Red (71%)
- Green (63%)
- Blue (64%)



- Red (71%)
- Yellow (63%)
- Blue (64%)

- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 161, 162 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 181, 161, 162 by changing the saturation by 10% instead.

181, 161, 162

255, 255, 255

237, 216, 217

255, 244, 245

181, 161, 162

154, 135, 136

128, 109, 110

103, 85, 86

79, 62, 63

56, 40, 41

34, 20, 21

0, 0, 0

181, 161, 162

181, 143, 145

181, 161, 162

181, 179, 179

181, 125, 128

181, 107, 110

181, 89, 93

181, 70, 76

181, 52, 59

181, 34, 42

181, 16, 24

181, 0, 9

181, 189, 197

181, 198, 215

181, 208, 233

181, 217, 251

181, 218, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

178, 161, 169

181, 161, 162

180, 164, 156

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

181, 161, 162

156, 168, 165

155, 163, 179

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

181, 161, 162

161, 171, 181

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

150, 161, 175

181, 161, 162

152, 164, 170

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

181, 161, 162

153, 167, 152

149, 160, 170

163, 165, 179

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

181, 161, 162

177, 170, 153

149, 160, 170

153, 162, 178

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

181, 161, 162

235, 228, 228

180, 161, 181

117, 113, 113

245, 245, 245

117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

181, 161, 162

235, 204, 206

181, 177, 161

89, 80, 81

153, 0, 8

26, 0, 1

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

181, 161, 162

235, 204, 206

161, 168, 181

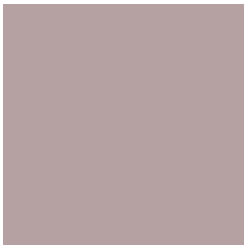
89, 80, 81

153, 0, 8

26, 0, 1

Previews

White Background

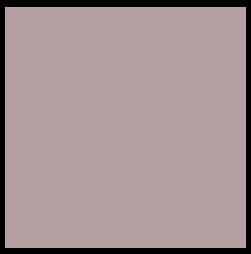


This preview shows how the RYB color 181, 161, 162 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



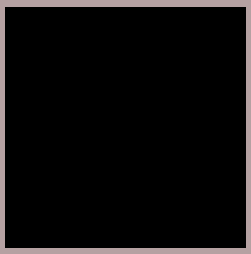
This preview shows how the RYB color 181, 161, 162 looks on a black background.

Color Contrast Check

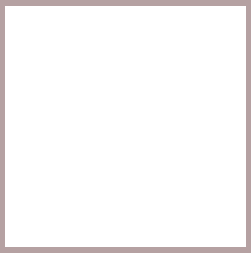
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 181, 161, 162 Background



This preview shows how black text looks on a background with the RYB color 181, 161, 162.



This preview shows how white text looks on a background with the RYB color 181, 161, 162.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

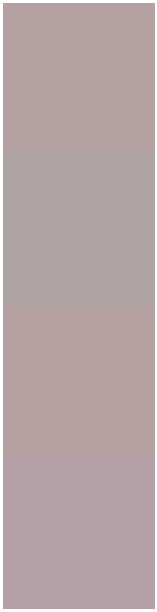
Original Color
181, 161, 162

Protanopia
169, 165, 164

Deuteranopia
183, 160, 162

Tritanopia
182, 159, 172

Trichromacy



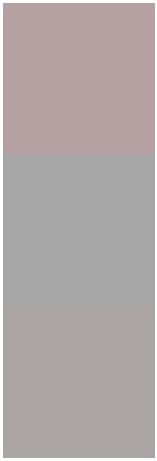
Original Color
181, 161, 162

Protanomaly
173, 164, 163

Deuteranomaly
182, 160, 162

Tritanomaly
182, 160, 168

Monochromacy



Original Color
181, 161, 162

Achromatopsia
167, 167, 167

Achromatomaly
172, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 161, 162 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(181, 161, 162) looks like.

```
.text, #text, p{
    color:rgb(181, 161, 162)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(181, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 162) }
```

Border

The CSS property to change the border of an element to RYB 181, 161, 162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 161, 162) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(181, 161, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(181, 161, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 161, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 161, 162); box-shadow:4px 4px 4px 4px rgb(181, 161, 162) }
```

Background

The CSS property to change the background color of an element to RYB 181, 161, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(181, 161, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(181,
161, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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